

ABSTRACT  
COMPUTATION OF CONTOUR

5        A method of computing a contour, such as the endocardial boundary in an  
ultrasound long-axis view of the heart, is disclosed. A plurality of points are input,  
each point being indicative of a predetermined landmark point in the image. A  
preliminary contour is then derived based on the input points and a known average  
contour shape which has been obtained from a database of contours derived from  
10 previous images. Finally, the preliminary contour is deformed to fit features  
identified in the image by a feature-extraction algorithm, to obtain the computed  
contour.